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OPTICAL DISK AND PRODUCTION OF OPTICAL DISK**

SONY CORP

Inventor(s): ;YOSHIMURA YOSHINORI

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Abstract:

PROBLEM TO BE SOLVED: To obtain an optical disk and its producing method, which is capable of reducing the generation of warpage of the disk caused by the change of temp. or humidity due to the change of utilizing environment by forming a 1st reflection film layer and/or a 2nd reflection film layer of the optical disk to be porous.

SOLUTION: The optical disk 10 is produced by forming the porous reflection film layer 13 on the signal surface 12 of a substrate 11 having a projecting and recessing pattern responding to a recording signal on a prescribed surface and a protective film 14 on the reflection film layer 13. As a result, since the hygroscopicity in the signal surface 12 side of the substrate 11 is equalized with the hygroscopicity in another surface 15 side, the optical disk capable of reducing the generation of warpage of the disk caused by the

change of temp. or humidity due to the utilizing environment or the like and the producing method of the optical disk 10 are obtained.

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